

SEMAT “The Process”

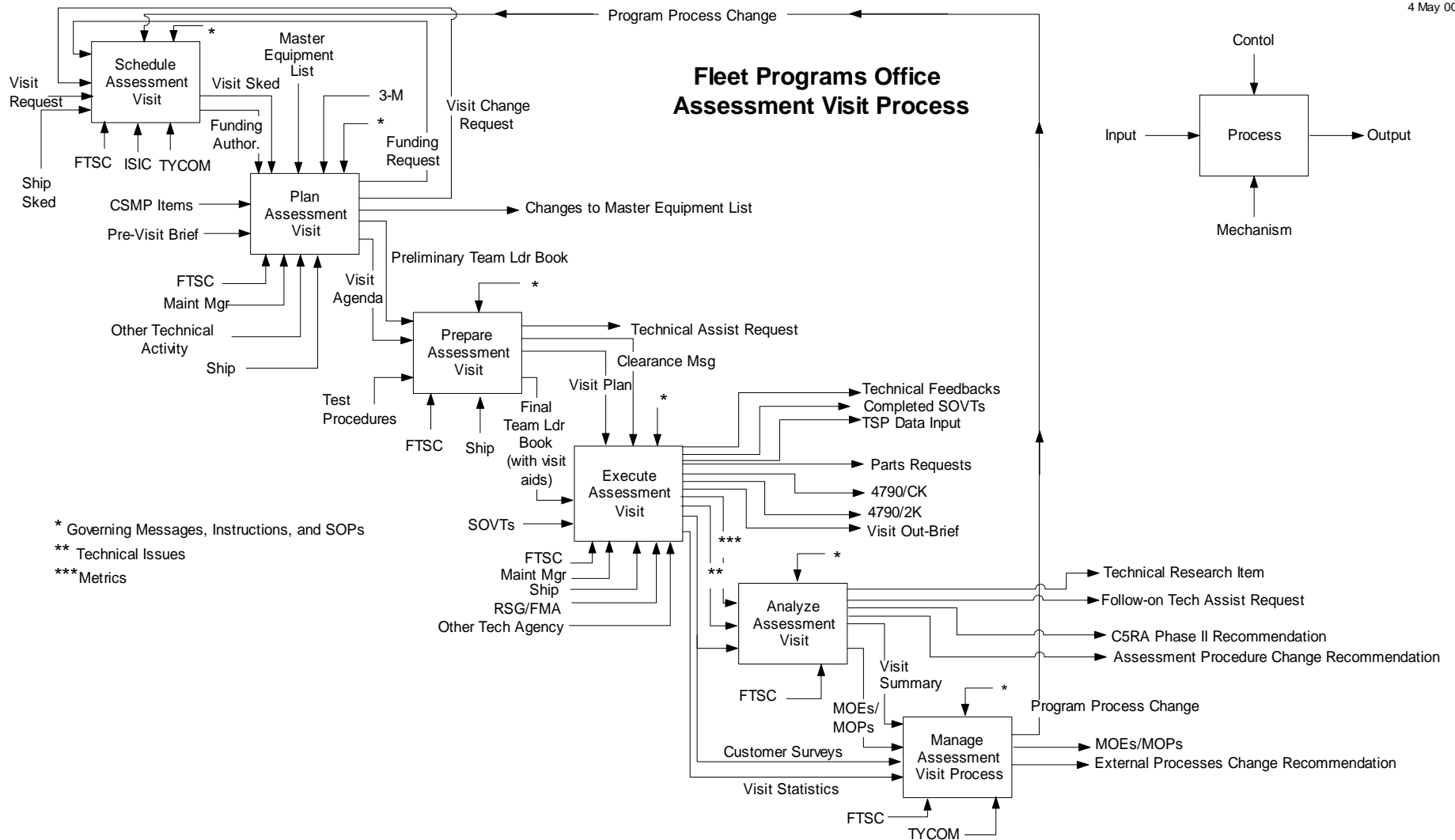
08/30/00

SEMAT II/IV - Six Step Process

- The SEMAT II/IV process is comprised of six steps:
 - Schedule
 - Plan
 - Prepare
 - Execute
 - Analyze and Follow-Up
 - Manage Process
- Process supports multiple Type Commanders and Fleet
- Process is monitored to provide metrics in effectiveness and efficiency for continuous improvement, including feedback from customer ships

SEMAT II/IV - Assessment Visit Process

4 May 00



SEMAT II/IV - Schedule and Plan

- **Schedule**

- Identify ship and establish date for Visit
- Ensure funding is available for Visit
- Ensure availability of ship for Visit
- Co-schedule with Combat Systems, Command, Control, Communications and Computer Readiness Assessment (C5RA) Visit Phase I

- **Plan**

- Build agenda for Visit
- Provide aids for execution of Visit
- Confirm funding for Visit
- Determine requirements for Visit
- Conduct Pre-Visit brief

SEMAT II/IV - Schedule

PROVIDED COURTESY OF FTSLANT FLEET PROGRAMS OFFICE

UPDATED BIWEEKLY AT: [HTTP://WWW.SPEAR.NAVY.MIL/LOGIN/FTSLANT.HTM](http://www.spear.navy.mil/login/ftslant.htm)
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FLEET TECHNICAL SUPPORT CENTER ATLANTIC SEMAT / CSRR / INSURV SHIP EVENTS

1 SEPTEMBER 2000

NEXT ISSUE DATE: 18 SEP 00
SEMAT/CSRA MSG 4-04/1-00

SHIP NAME (HULL NR) (ISIC) HPORT	SEPTEMBER 4:MON	OCTOBER 9:MON	NOVEMBER 10:FRI 23:THU	DECEMBER 25:MON HOLIDAY	JANUARY 01 13:MON 15:MON	FEBRUARY 19:MON	MARCH	APRIL	MAY 28:MON
PORTLAND (20012) (LSD 37) (CPG-2) LCRK	HOLIDAY ZAN C-2 5 8 12 22 27-28 NEPA IPT UW	HOLIDAY 9 30 IPT UW	HOLIDAY POM 27						
DEYO (20836) (DD 989) (CDS-2) NORVA	LT P. C-2 5 15 27 U IPT U 5 --- FMAV --- 22	11 30 IPT UW	POM 27						
PHILADELPHIA (SSN 690)	TEP 11 22 # TARGET + CSRR	GROTON							
TORTUGA (21562) (LSD 46) (CPG-2) LCRK	ALX 6 8 11 22 VST U IPT FT.LAUD	3 12 16 23 27 29 UW IPT	31 FMAV --- 22 BALTRM	27 28 5 6 U VST U	POM 9				
BURKE (21487) (DDG 51) (CDS-2) NORVA	LAW 1 5 8 11 22 27 28 U I W E A U IPT YKTN	11 30 IPT UW	POM 27						
SAN JACINTO (21389) (CG 56) (CCG-2) NORVA	DEL 1 11 22 27 29 U IPT U 5 --- FMAV --- 26	11 30 IPT UW	POM 27						
DETROIT (20120) (AOE 4) (CLR-2) EARLE	INSURV 11 15 22 U IPT UW	11 23 27 SMI IPT UW	1 11 EC UW	FEP 9 14 20 UW	8 12 17 31 WEA IPT UW	1 14 S-2(P) IPT	23 25 26 30 C-2(P) UW IPT		
OBANNON (20834) (DD 987) (CDS-14) MYPT	2 11 15 25 29 U IPT UW	EC 2 9 13 15 19 20 UW IPT	8 13 16 17 FMAV-- 30 V S T U N.ORLNS	POM 14	UW	UW	UW	16MAY01	
CARTER HALL (21880) (LSD 50) (CPG-2) LCRK	BAR 5 8 15 18 28 29 U I U IPT UW	FT.LAUD 6 16 29 VST UW IPT	30 3 6 10 13 17 C-2 FEP SMI IPT	5 15 23 26 29 UW U IPT	16 26 28 INSURV UW IPT	8 28 POM UW			
DOYLE (21106) (FFG 39) (CDS-14) MYPT	INSURV 12 18 22 IPT U	2 3 10 11 13 17 V S T U P.EVGLDS	1 6 13 17 IPT	CHG 27 4 SRA(E)		CHG 16 23 UW			
SCOUT (MCM 8) INGLSD	MIL 17 18 22 27 UW IPT	TBD	SMI 6 10 UW	S-2 27 8 UW					
NASHVILLE (07196) (LPD 13) (CPG-2) NORVA	DEL 12 22 25 29 IPT UW	C-2 NEPA 2-3 IPT UW	POM 27						

* RESERVE SHIPS

CLASSIFICATION OF SUBMARINE MOVEMENTS PRECLUDE PROVIDING DETAILS

S-1 SEMAT 1 (SNAPSHOTS)
 S-2 SEMAT 2 (TARGET + C-1)
 S-3 SEMAT 3 (MATL SELF ASSMT)
 S-4 SEMAT 4 (AEC PHASE 2)
 S-2 (TARGET) 4-6 MOS < DEPLOYMENT
 S-4 (AEC) 2-4 MOS < AVAILABILITY

C-1 CSRA PHASE I
 C-2 CSRA PHASE II
 C-LIM LIMITED CSRA

OTHER ASSESSMENTS:
 INSURV+, NEPA (INSURV),
 FEP+, CART+, SMA, SMI
 + UNDERWAY EVENTS

AVAILABILITY START
 AVAILABILITY END

PCD
 EC
 CART
 FEP
 IPT, I
 UW, U

PRODUCTION COMP DATE
 ENGINEERING CERT
 CMD ASMT OF READ & TRA
 FINAL EXERCISE PERIOD
 INPORT
 UNDERWAY

FCT
 MI
 SUR
 SMA / SMI
 SEMAT
 CSRA

FINAL CONTRACT TRIAL
 MATERIAL INSPECTION
 SURVEY
 SUPPLY MGMT ASSIST / INSP
 SYS & EQUIP MATL ASSMNT
 OLD CSRR / CSRA

WEA
 FMAV
 VST
 SIT
 TCD

WEAPONS ONLOAD/OFFLOAD
 FLEET MAINT AVAIL (FMAV)
 PORT VISIT
 SHIP INTEGRATION TESTING
 TARGET CONFIG DATE -
 (LAST DATE FOR AIT INSTL)

POM
 CSSQT
 COC
 STRL
 PDS

PRE-OVERSEAS MOVMT
 CMBT SYS SHIP QUAL TRIAL
 CHANGE OF COMMAND
 SEA TRIAL
 POST DEPLOYMNT STNDOWN

SEMAT II/IV - Prepare

- **Prepare**
 - Assign resources for Visit requirements
 - Coordinate logistics for Visit
 - Determine execution plan for Visit
 - Prepare Clearance list
 - Develop Team Leader Books/Assessment Procedures

SEMAT II/IV - Execute

- **Execute**

- In-brief ship on visit specifics and first day test plan
- Conduct material condition assessments
- Provide maintenance training
- Assist with repairs
- Daily progress and planning briefings
- Validate or correct 2-Kilos in CSMP
- Find and expedite repair parts
- Document discrepancies
- Provide risk assessments
- Generate feedbacks
- Collect metrics data
- Debrief Ship's Force on visit results and material condition

SEMAT II/IV - Analyze and Follow-Up

- **Analyze and Follow-Up**
 - Review metrics data
 - Produce and evaluate Measures of Effectiveness (MOEs) and Measures of Performance (MOPs)
 - Technical research
 - Follow-on technical assistance
 - Provide input for C5RA Phase II planning (if applicable)
 - Review Visit execution
 - Upload 4790/CKs

SEMAT II/IV - Manage Process

- **Manage Process**

- Review and take action on MOEs and MOPs
- Review process/program for corrections/improvements
- Provide external process(s) recommendations
- Respond to external requests for information or analysis
- Coordinate with other assessment processes/programs
- Review/administrate process policy, procedures and support efforts
- Liaison with other Fleet maintenance initiatives

SEMAT II/IV - Conclusion

- SEMAT II/IV are vital parts of Fleet Maintenance Philosophy.
- Objective System/Equipment Assessment.
- No report for Chain-of-Command; all documentation is via the CSMP and 3-M.
- The true customer is Ship's Force and Port Engineer/Maintenance Manager.
- Visit Team stays connected to Fleet via Technical Assists, other visits, and Direct Fleet Support.
- Validated material condition of ship improved maintenance planning (validated work candidates).